

| REPORT OF ANNUAL INSPECTION OF CCR SURFACE IMPOUNDMENT | | |
|---|--|---------------------------------------|
| FACILITY NAME: Gorgas Steam Plant – Ash Pond | | |
| OWNER/OPERATOR OF FACILITY: Alabama Power Company | | |
| INSPECTION DATE: May 12, 2015 | | |
| INSPECTING ENGINEER: Richard Mickwee, P.E. (Alabama P.E. License # 25107) Southern Company Generation Hydro Services – Dam Safety & Surveillance Supervisor | | |
| ANY CHANGES IN GEOMETRY OF THE IMPOUNDING STRUCTURE SINCE THE PREVIOUS ANNUAL INSPECTION (YES OR NO)? | N/A * | |
| (IF YES, DESCRIBE): N/A | | |
| | | |
| LOCATION AND TYPE OF EXISTING INSTRUMENTATION | See Attached Table 1 | |
| MAXIMUM RECORDED READING OF EACH INSTRUMENT SINCE PREVIOUS ANNUAL INSPECTION | N/A * | |
| APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF THE IMPOUNDED WATER SINCE PREVIOUS ANNUAL INSPECTION | | |
| MIN. DEPTH: N/A * | MAX. DEPTH: N/A * | PRESENT DEPTH: Up to 68 feet |
| MIN. ELEVATION: N/A * | MAX. ELEVATION: N/A * | PRESENT ELEVATION: EL 383 feet |
| APPROXIMATE MINIMUM, MAXIMUM AND PRESENT DEPTH AND ELEVATION OF CCR SINCE PREVIOUS ANNUAL INSPECTION. | | |
| MIN. DEPTH: N/A * | MAX. DEPTH: N/A * | PRESENT DEPTH: Up to 110 feet |
| MIN. ELEVATION: N/A * | MAX. ELEVATION: N/A * | PRESENT ELEVATION: Up to EL 370 feet |
| APPROXIMATE STORAGE CAPACITY OF IMPOUNDING STRUCTURE AT TIME OF INSPECTION. | 23,000,000 cubic yards ** | |
| APPROXIMATE VOLUME OF IMPOUNDED WATER AND CCR AT TIME OF INSPECTION | WATER: 5,625,000 cubic yards ** | CCR: 17,375,000 cubic yards ** |
| ANY APPEARANCE OF AN ACTUAL OR POTENTIAL STRUCTURAL WEAKNESS OF THE CCR UNIT, IN ADDITION TO ANY EXISTING CONDITIONS THAT ARE DISRUPTING OR HAVE THE POTENTIAL TO DISRUPT THE OPERATION AND SAFETY OF THE CCR UNIT AND APPURTENANT STRUCTURES (YES OR NO)? | NO | |
| (IF YES, DESCRIBE): N/A | | |
| | | |
| ANY OTHER CHANGE(S) WHICH MAY HAVE AFFECTED THE STABILITY OR OPERATION SINCE THE PREVIOUS ANNUAL INSPECTION (YES OR NO)? | N/A * | |
| (IF YES, DESCRIBE): N/A | | |
| | | |

* This is the first 'Annual inspection by a qualified professional engineer' performed in accordance with 40 CFR Part 257.83. This information will be included in subsequent annual inspection reports.

** Cubic yard figures are estimates derived from available information.

Based on the results of my inspection and review of the data provided, it is my professional opinion that the report has been completed in accordance with 40 CFR 257.83(b).



Richard L. Mickwee II, P.E.

1/14/16

Date



| TABLE 1: INSTRUMENTATION TYPE AND LOCATION – GORGAS ASH POND | | |
|---|--|--|
| INSTRUMENT NUMBER | INSTRUMENT TYPE | LOCATION |
| SM-101 | Deformation Survey Monument (Vertical and Horizontal) | Crest (Top) of Dam, Near Left (West) Abutment |
| SM-102 | Deformation Survey Monument (Vertical and Horizontal) | Crest of Dam, Left Portion of Dam |
| SM-103 | Deformation Survey Monument (Vertical and Horizontal) | Crest of Dam, Center-Left Portion of Dam |
| SM-104 | Deformation Survey Monument (Vertical and Horizontal) | Crest of Dam, Center-Right (East) Portion of Dam |
| SM-105 | Deformation Survey Monument (Vertical and Horizontal) | Crest of Dam, Right Portion of Dam |
| SM-106 | Deformation Survey Monument (Vertical and Horizontal) | Crest of Dam, Near Right Abutment |
| WEIR | Seepage Weir | Toe (Bottom) of Ash Pond, Center-Right portion of dam |